CACTUS AVE.

ESTIMATED QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
SUBGRADE PREPARATION	SQ.YD.	10,367
3.5" A.C. ON 7.5" ABC	SQ.YD.	10,367
MILL A.C. (3")	SQ.YD.	10,367
ADJUST MANHOLE TO FINISH GRADE PER MAG STD DTL 422	EACH	5
ADJUST WATER VALVE TO FINISH GRADE PER MAG STD DTL 391-1, TYPE A	EACH	12
VERTICAL CURB AND GUTTER PER MAG STD DTL 220-1, TYPE "A"	L.FT.	137
4' SIDEWALK PER MAG STD DTL 230	SQ.YD.	128
PAVEMENT MARKER FOR FIRE HYDRANT PER MAG DTL 122	EACH	7
CURB RAMP DETECTABLE WARNING ON SIDEWALK RAMP PER MAG STD DTL 234	EACH	9
REMOVE AND REPLACE SURVEY MONUMENT PER MAG STD DTL 120, TYPE "B"	EACH	4
VALLEY GUTTER PER MAG STD DTL 240	SQ.FT.	126
SIDEWALK RAMP PER MAG STD DTL 235-2	EACH	1
MID-BLOCK RAMP PER MAG STD DTL 235-5	EACH	2
24" SOLID WHITE THERMOPLASTIC LINE	L.FT.	36

	UTILITY CO	DMPANIES	
AGENCY	UTILITY	CONTACT	PHONE
ARIZONA PUBLIC SERVICE	ELECTRIC	RON GANDARA	(602) 371-7546
CITY OF EL MIRAGE (COEM)	WATER	CHRIS HAUSER	(602) 291-6894
CITY OF SURPRISE	SEWER, WATER	SUNEEL GARG	(623) 222-6130
COX COMMUNICATIONS	CATV, FIBER	RANDY SIMS	(623) 328-4058
CENTURYLINK	COAXIAL, FIBER	ERIC HITCHCOCK	(602) 630-5474
INTEGRA TELECOM/SW FIBER	FIBER	LEE STAUBER	(602) 889-6076
MCI	FIBER	DEAN BOYERS	(972) 729-6322
SOUTHWEST GAS	GAS	YVONNE AGUIRRE	(602) 484-5338

THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES FOR REVIEW OF ANY UTILITY CONFLICTS. IF ANY CONFLICTS ARISE DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES. IT SHALL BE REPORTED TO THE APPROPRIATE UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER ..

MAYOR

**SHARON WOLCOTT** 

VICE MAYOR

JOHN WILLIAMS

### COUNCIL MEMBERS

ROLAND F. WINTERS JR JIM BIUNDO JOHN WILLIAMS RACHEL VILLANUEVA SKIP HALL TODD TANDE

### CITY MANAGER

**BOB WINGENROTH** 

CITY CLERK

SHERRY ANN AGUILAR

CITY ENGINEER

KARL ZOOK, P.E.

### PROJECT MANAGER

SUNEEL GARG, P.E.

## CDBG PROJECT COORDINATOR **ALICIA RUBIO**

**CERTIFCATION** 

I CERTIFY THAT THE DESIGN SHOWN IS BASED ON ACCURATE FIELD DATA WHICH HAS BEEN CHECKED IN THE FIELD WITHIN 60 DAYS PRIOR SUBMISSION FOR CITY APPROVAL.

REGISTERED PROFESSIONAL ENGINEER

DATE

03/03/15

48276

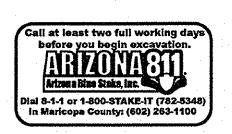
REGISTRATION NO.

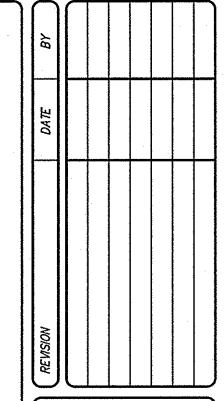
#### **AS-BUILT CERTIFICATION**

"I HEREBY CERTIFY THAT THE "AS-BUILT" MEASUREMENTS AS SHOWN HEREON WERE MADE UNDER MY SUPERVISION OR AS NOTED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF."

REGISTERED PROFESSIONAL ENGINEER

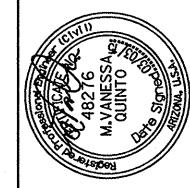
DATE











ONSTRUC

PROJ. B-14-MC-04-0514 02/26/15 SHEET 1 OF 4

COVER SHEET TYPICAL SECTION

**SHEET INDEX** 

VICINITY MAP

CONSTRUCTION NOTES, LEGEND AND 3-4 PLAN & PROFILE SHEET - JERRY STREET

**ENGINEER** 

JACOBS ENGINEERING GROUP INC. 101 NORTH FIRST AVENUE SUITE 2600 PHOENIX, ARIZONA 85003

(602) 253-1202 FAX (602) 253-1200

**CONTACT: GARY FROMM** 

**APPROVAL** 

**BENCHMARK** 

COORDINATES (WGS 84):

NAVD88 ELEVATION: 1176.02

GEODETIC DATUM: NAD 1983

(SINGLE PARALLEL)

**BASIS OF BEARING** 

LINEAR UNIT: INTERNATIONAL FOOT (IFT)

LATITUDE OF ORIGIN: 3345'00" N CENTRAL MERIDIAN: 11215'00" W

FALSE NORTHING: 1,500,000.000 IFT FALSE EASTING: 2,500,000.000 IFT

MARICOPA COUNTY LOW DISTORTION PROJECTION

PROJECTION TYPE: LAMBERT CONFORMAL CONIC

STANDARD PARALLEL SCALE: 1.000045 (EXACT)

"BM 31-13"

33'37'57.58"N 112°20'00.34"W

CITY OF SURPRISE BRASS CAP FLUSH

STREET AND NASH STREET STAMPED

AT THE INTERSECTION OF COTTONWOOD

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMMISIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE CITY ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMMISIONS IN PLANS FOUND TO BE IN VIOLATION OF LAW OR ORDINANCES.

03/05/2015

DATE

ARIZONA

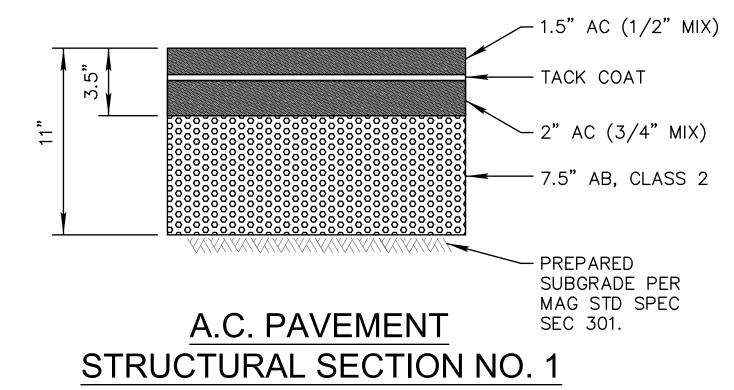
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT BLUE STAKE LAWS. CALL BLUE STAKE FOR FIELD LOCATION AT (602) 263-1100.
- 4. THE CITY OF SURPRISE ENGINEERING SERVICES OF PUBLIC WORKS SHALL BE NOTIFIED FORTY—EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK AT (623) 222—6150.
- 5. THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED AND RESUBMITTED FOR REVIEW AND APPROVAL.
- 6. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
- 7. ANY INSPECTION BY THE CITY, COUNTY, OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- 8. THE CONTRACTOR IS TO LOCATE ALL EXISTING LANDSCAPING, LANDSCAPING IRRIGATION LINES, PROPERTY MONUMENTS, FENCING OR SURFACE FEATURES PRIOR TO CONSTRUCTION. ANYTHING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- 9. NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- 10. ALL CONSTRUCTION WATER USED WITHIN THE CITY OF SURPRISE WATER SERVICE AREA REQUIRES APPROVAL BY THE CITY OF SURPRISE PUBLIC WORKS DEPARTMENT AND MAY BE SUBJECT TO VOLUME AND TIME RESTRICTIONS. PLEASE SEE THE CITY OF SURPRISE CONSTRUCTION WATER GUIDELINES FOR ADDITIONAL INFORMATION. THE GUIDELINES CAN BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT AT 623-222-6000.
- 11. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH MAG SPECIFICATION 401, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE "TEMPORARY WORK ZONE TRAFFIC MANAGEMENT POLICY" (LATEST EDITION).
- 12. PRIOR TO FINAL APPROVAL AND ACCEPTANCE OF THE WORK, THE DEVELOPER/CONTRACTOR WILL BE REQUIRED TO CLEAN AND REPAIR ADJACENT (OFF-PROJECT) ROADWAYS USED OR DAMAGED DURING THE COURSE OF CONSTRUCTION.
- 13. EMERGENCY VEHICLE ACCESS (E.V.A.) MUST BE PROVIDED BY THE DEVELOPER/CONTRACTOR THROUGHOUT THE PROJECT SITE. E.V.A. ROADS AND SIGNAGE SHALL BE MAINTAINED BY THE DEVELOPER/CONTRACTOR AT ALL TIMES. SIGNAGE SHALL BE POSTED AT THE POINT OF ENTRY TO THE SITE AND AT ALL LOCATIONS WHERE A CHANGE IN DIRECTION OCCURS.
- 14. THE PLANS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT'S ACCESSIBILITY GUIDELINES, AS PUBLISHED IN THE FEDERAL REGISTER ON SEPTEMBER 15, 2010.

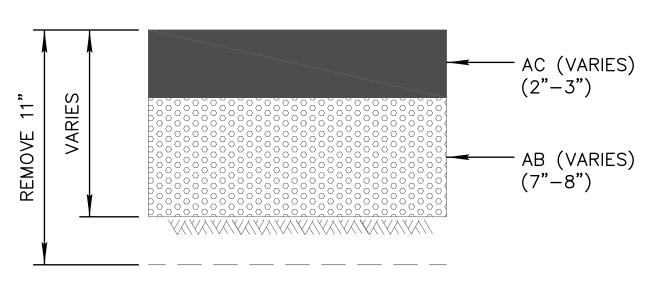
#### **PAVING NOTES:**

- 1. THE ACTUAL POINT OF PAVEMENT MATCHING AND/OR TERMINATION, SHALL BE DETERMINED IN THE FIELD BY A CITY OF SURPRISE FIELD INSPECTOR.
- 2. ALL FRAMES, COVERS, VALVE BOXES, AND MANHOLE COVERS SHALL BE ADJUSTED TO FINISH GRADE AFTER COMPLETION OF PAVING OR RELATED CONSTRUCTION.
- 3. CONSTRUCTION OF SURFACE IMPROVEMENTS SHALL NOT BEGIN UNTIL CONFLICTING UNDERGROUND UTILITY CONSTRUCTION IS COMPLETED AND SERVICE CONNECTIONS TO ALL PLATTED LOTS HAVE BEEN ADEQUATELY EXTENDED TO THE RIGHT—OF—WAY OR PUBLIC UTILITY EASEMENT.
- 4. THE PERMITTEE SHALL ARRANGE FOR THE RELOCATION COSTS OF ALL UTILITIES, INCLUDING ANY STREET LIGHTS, AND SUBMIT A UTILITY RELOCATION SCHEDULE PRIOR TO THE ISSUANCE OF A CONSTRUCTION PERMIT.
- 5. TREES AND SHRUBBERY IN THE RIGHT-OF-WAY THAT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL NOT BE REMOVED WITHOUT APPROVAL FROM THE CITY. THE PERMITTEE SHALL BE RESPONSIBLE FOR OBTAINING AUTHORIZATION FROM CITY OF SURPRISE COMMUNITY DEVELOPMENT AT (623) 222-3000 TO REMOVE AND/OR RELOCATE SAID TREES AND SHRUBBERY.
- 6. DAMAGED AND/OR DISPLACED CONCRETE CURB, GUTTER, SIDEWALK, OR DRIVEWAY SLAB THAT IS WITHIN THE RIGHT—OF—WAY SHALL BE REPAIRED OR REPLACED BEFORE FINAL ACCEPTANCE OF THE WORK.
- 7. GRADING BETWEEN BACK OF CURB AND PROPERTY LINE SHALL BE LIMITED TO 4:1 SLOPE. PROTECT SLOPES FROM EROSION AND/OR TRANSPORTING SILT ONTO STREETS OR ADJACENT PRIVATE PROPERTY.
- 8. ALL FIRE HYDRANTS SHALL HAVE A TWO-WAY BLUE REFLECTOR INSTALLED PER MAG STANDARD DETAIL 122.
- 9. STREET SIGNS SHALL BE FURNISHED AND INSTALLED BY THE DEVELOPER AT THE LOCATIONS SHOWN ON THE SIGNAGE, STRIPING, OR PAVING PLAN. ALL STREET SIGNS SHALL BE INSTALLED PER CITY OF SURPRISE STREET SIGN AND STREET SIGN BASE DETAIL 4—22.
- 10. ASPHALT MIX DESIGN SHALL BE SUBMITTED TO THE CITY OF SURPRISE ENGINEERING DEVELOPMENT SERVICES DIVISION PRIOR TO THE PLACEMENT OF ANY ASPHALT.

#### **GENERAL SIGNING AND PAVEMENT MARKING NOTES:**

- 1. ALL PAVEMENT MARKING, SIGNING AND CONSTRUCTION SHALL CONFORM TO THE LATEST EDITIONS OF THE ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT) STANDARD DRAWINGS AND SPECIFICATIONS, ADOT SIGNING AND MARKING STANDARD DRAWINGS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND CITY OF SURPRISE ENGINEERING DEVELOPMENT STANDARDS UNLESS OTHERWISE NOTED IN THE SPECIAL PROVISIONS OR THESE PLANS.
- 2. CITY SHALL FIELD INSPECT ALL SIGNS AND MARKINGS FOR FIELD ADJUSTMENT, PRIOR TO INSTALLATION AND FINAL ACCEPTANCE.
- 3. ALL MEASUREMENTS SHALL BE TAKEN FROM THE EDGE OF PAVEMENT.
- 4. ALL SIGNS THAT ARE REMOVED AND NOT REINSTALLED SHALL BE SALVAGED AND DELIVERED TO THE CITY MAINTENANCE YARD SHOP AT 13430 W. WESTGATE, SURPRISE, AZ.
- 5. THE CONTRACTOR SHALL FURNISH AND INSTALL STREET NAME SIGN BRACKETS AND HARDWARE.
- 6. THE SIGN LOCATIONS AND QUANTITIES FOR POST LENGTHS ARE APPROXIMATE. THE CONTRACTOR SHALL SPOT MARK THE SIGN LOCATIONS, VERIFY THE ACTUAL POST LENGTHS, AND CONTACT THE CITY TRAFFIC ENGINEER OR DESIGNEE FOR INSPECTION PRIOR TO INSTALLING SIGNS. NO FOUNDATIONS, POSTS, OR SIGN PANELS SHALL BE INSTALLED WITHOUT FINAL APPROVAL FROM THE CITY TRAFFIC ENGINEER OR DESIGNEE.
- 7. THE CONTRACTOR SHALL NOT OVERLAY THE SIGN PANELS.
- 8. THE SIGN LOCATIONS SHOWN ON THESE PLANS MAY BE MODIFIED AS DIRECTED BY THE CITY TRAFFIC ENGINEER OR DESIGNEE. ANY SIGNS INSTALLED BEFORE LAYOUT INSPECTION SHALL BE REMOVED AND REINSTALLED AT THE CONTRACTOR'S EXPENSE.
- 9. ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH PROPOSED MARKINGS SHALL BE REMOVED BY WATERBLASTING, OR CITY APPROVED METHODS, PRIOR TO THE INSTALLATION OF NEW PAVEMENT MARKINGS. REMOVALS SHALL BE TO THE SATISFACTION OF THE CITY.
- 10. ANY DAMAGE TO THE PAVEMENT CAUSED BY PAVEMENT MARKING REMOVAL SHALL BE REPAIRED BY METHODS ACCEPTABLE TO CITY CIVIL INSPECTION PERSONNEL. WHEN ASPHALT SLURRY IS USED TO REPAIR DAMAGE TO THE PAVEMENT CAUSED BY PAVEMENT MARKING REMOVAL THE ASPHALT SLURRY SHALL BE PLACED PARALLEL TO THE NEW DIRECTION OF TRAVEL AND SHALL BE AT LEAST TWO (2) FEET IN WIDTH.
- 11. AT THE COMPLETION OF THE PAVEMENT SURFACE EACH DAY, THE CONTRACTOR SHALL STRIPE CENTER LINES, LANE LINES, AND STOP BARS WITH ONE APPLICATION OF TEMPORARY REFLECTORIZED TRAFFIC PAINT AT THE LOCATIONS OF FINAL STRIPING, PER CITY OF SURPRISE DETAIL 4-201. THIRTY (30) DAYS AFTER TEMPORARY STRIPING IS PLACED, THE CONTRACTOR SHALL INSTALL FINAL PAVEMENT MARKINGS.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF PAVEMENT MARKINGS ON THE FINAL SURFACE COURSE FOLLOWING CONTROL POINTS THAT HAVE BEEN SET. CONTROL POINTS SHALL BE NO MORE THAN FIFTY (50) FEET APART ALONG THE ALIGNMENT TO BE STRIPED.
- 13. THE CONTRACTOR SHALL CONTACT THE CITY TRAFFIC ENGINEER OR DESIGNEE FOR INSPECTION OF TEMPORARY STRIPING AND/OR CONTROL POINTS PRIOR TO APPLICATION OF FINAL MARKINGS. ANY FINAL PAVEMENT MARKING APPLIED BEFORE INSPECTION SHALL BE REMOVED AND REAPPLIED AT THE CONTRACTOR'S EXPENSE.





# EXISTING PAVEMENT SECTION

	CON	NST	
3	30' R/W		/W <u>~</u>
	20' B/C	20' B/C	
	18'	18'	
	VARIES	VARIES	
EXISTING 4' SIDEWALK			EXISTING 4' SIDEWALK
EXISTING CURB & GUTTER—		I MENT STRUCTURAL DN NO. 1 (TYP)	EXISTING —CURB & GUTTER
	TYPICAL	SECTION	

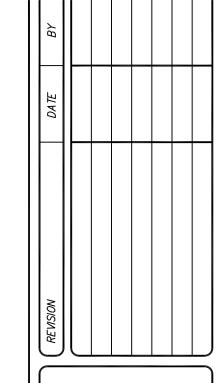
JERRY STREET STA 1+21 TO STA 27+36

SIDEWALK REPLACEMENT TABLE			
JERRY STREET			
	BEGIN STA*	END STA*	LENGTH
RT	10+46	10+53	7
RT	24+10	24+30	20
RT	25+23	25+28	5

\* SIDEWALK REPLACEMENT STATIONS ARE APPROXIMATE STATIONS BASED ON FIELD OBSERVATIONS. CITY OF SURPRISE INSPECTOR AND CONTRACTOR TO FIELD REVIEW AND DETERMINE EXACT LIMITS OF SIDEWALK REPLACEMENT.

CURB AND GUTTER REPLACEMENT TABLE				
JERRY STREET				
	BEGIN STA	END STA	GRADE	LENGTH
RT	1+62	2+06	0.12%	44
RT	5+42	5+97	0.14%	55
LT	6+34	6+72	0.20%	38
		1	1 2.2070	











AND TYPICAL SECTIONS
STRUCTION
EET
ARIZONA

JCTION NOTES, LEGEND AND TYPIC OADWAY RECONSTRUCT JERRY STREET

CITY OF SURPRISE

PROJ. B-14-MC-04-0514

DATE 02/26/15

SHEET 2 OF 4

